

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) A method for converting formatted content, the method comprising:

receiving a content request from a client, said content request specifying a network location from which a specified document including formatted content can be retrieved, said content request further indicating a target format;

responsive to the content request, identifying a template which corresponds to said specified document and said target format, the identification being based on a template identifier corresponding to a network location identifier of the specified network location, said template providing at least one content marker, wherein the at least one content marker indicates a data offset for identifying within the specified document one or more data fields containing information corresponding to a predetermined topic, wherein the at least one content marker further template indicates at least one of a topic, meaning, and purpose of the information contained in a particular data field, and wherein said template can be customized by a user to extract in one or more different combinations from the specified document information based upon the at least one content marker;

retrieving said specified document from said specified network location;

applying said template to said specified document and extracting data from said formatted content based upon the template, by:

identifying a presentation order of the at least one content marker in said template;

extracting the formatted content from said specified document in accordance with the presentation order; and

formatting said data for audible presentation in said presentation order based upon the template, wherein formatting produces a second document formatted for audible presentation according to the target format.

2. (Original) The method of claim 1, wherein said extracted data is unformatted data.

3. (Previously Presented) The method of claim 1, further comprising:
wherein said specified document is a Web page, wherein said client request is formatted using Hypertext Transfer Protocol (HTTP), and wherein said network location is specified as a URL corresponding to said Web page.

4. (Previously Presented) The method of claim 1, further comprising:
conveying said second document to said client;
presenting said second document through a user interface of said client.

5. (Original) The method of claim 4, wherein said user interface is a speech interface.

6. (Original) The method of claim 1, wherein said extracting data comprises reading data in said formatted content from an offset within said specified document, said offset identified by a content marker within said template.

7. (Original) The method of claim 6, further comprising reading a data identifier from said content marker.

8. (Previously Presented) The method of claim 1, wherein said specified document and said second document are formatted in a markup language selected from

the group consisting of hypertext markup language (HTML), extensible markup language (XML), standard generalized markup language (SGML), wireless markup language (WML), handheld device markup language (HDML), and VoiceXML.

9. (Previously Presented) The method of claim 8, wherein said specified document is formatted markup language in at least one of a hypertext markup language (HTML) and extensible markup language (XML).

10. (Previously Presented) The method of claim 9, wherein said target markup language is selected from the group consisting of wireless markup language (WML), handheld device markup language (HDML), and VoiceXML.

11. (Previously Presented) The method of claim 10, wherein said target markup language is voice extensible markup language (VoiceXML).

12. (Original) The method of claim 1, wherein said second document and said specified document are of a different modality.

13. (Currently Amended) A method of configuring a content converter, the method comprising:

determining at least one data location within at least one specified document containing formatted content, the at least one data location having data corresponding to a predetermined topic;

constructing at least one template having one or more content markers identifying a presentation order for extracting the data which correspond to said data location, each said template corresponding to a specified document and a target markup language for extracting from the specified document data corresponding to the predetermined topic, wherein said template can be customized by a user to extract information in one or more

combinations based upon the one or more content markers wherein each content marker indicates a data offset for identifying within the specified document data at least one data field containing information corresponding to the predetermined topic, and wherein the ~~at least one content marker~~ template further indicates at least one of a topic, meaning, and purpose of the information contained in a particular data field; and,

mapping said templates to said specified documents using a template table, wherein said templates are used to generate documents containing content corresponding to the predetermined topic based on data extracted from an associated specified document and formatted using an associated target markup language, even though the associated specified document is written in a different markup language than the target markup language.

14. (Currently Amended) A system for reformatting data, the system comprising:
a buffer for receiving documents formatted in a first markup language;

one or more templates each having at least one content marker for extracting data in accordance with an ordering of the at least one content marker in the one or more templates corresponding , wherein said data corresponds to a predetermined topic from formatted content in said documents, wherein each said template corresponds to at least one document and a target markup language and is customizable by a user to extract in one or more combinations information from a corresponding at least one document based upon the at least one content marker, wherein each content marker indicates a data offset for identifying within the specified document data at least one data field containing information corresponding to the predetermined topic, and wherein the at least one content marker further indicates at least one of a topic, meaning, and purpose of the information contained in a particular data field;

a table of said templates associating said templates with said corresponding documents; and,

a formatter for formatting said data for audible presentation in said presentation order using the target markup language.

15. (Original) The system of claim 14, wherein said templates have at least one content marker for locating data within said formatted content.

16. (Original) The system of claim 15, wherein said content marker has an identifier for identifying data within said formatted content.

17. (Previously Presented) The system of claim 14 wherein the first markup language is selected from the group consisting of hypertext markup language (HTML), extensible markup language (XML), standard generalized markup language (SGML), wireless markup language (WML), handheld device markup language (HDML), and VoiceXML.

18. (Previously Presented) The system of claim 14, said first markup language is a hypertext markup language (HTML).

19. (Previously Presented) The system of claim 14, wherein said target markup language is selected from the group consisting of hypertext markup language (HTML), extensible markup language (XML), standard generalized markup language (SGML), wireless markup language (WML), handheld device markup language (HDML), and VoiceXML.

20. (Previously Presented) The system of claim 14, wherein said target markup language is voice extensible markup language (VoiceXML).

21. (Previously Presented) The system of claim 14, wherein said first and target markup languages are of a different modality.

22. (Currently Amended) A machine readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

receiving a content request from a client, said content request specifying a network location from which a specified document including formatted content can be retrieved, said content request further indicating a target format;

responsive to the content request identifying a template which corresponds to said specified document and said target format, the identification being based on a template identifier corresponding to a network location identifier of the specified network location, said template providing at least one content marker, wherein the at least one content marker indicates a data offset for identifying within the specified document one or more data fields containing information corresponding to a predetermined topic, wherein the at least one content marker further indicates at least one of a topic, meaning, and purpose of the information contained in a particular data field, and wherein said template can be customized by a user to extract in one or more different combinations from the specified document information based upon the at least one content marker;

retrieving said specified document from said specified network location;

applying said template to said specified document and extracting data from said formatted content based upon the template, by:

identifying a presentation order of the at least one content marker in said template;

extracting the formatted content from said specified document in accordance with the presentation order; and

formatting said data for audible presentation in said presentation order based upon the template, wherein formatting produces a second document formatted for audible presentation according to the target format.

23. (Previously Presented) The machine readable storage of claim 22, further causing the machine perform the steps of:

wherein said specified document is a Web page, wherein said client request is formatted using Hypertext Transfer Protocol (HTTP), and wherein said network location is specified as a URL corresponding to said Web page.

24. (Previously Presented) The machine readable storage of claim 22, further causing the machine perform the steps of:

conveying said second document to said client;
presenting said second document through a user interface of said client.

25. (Original) The machine readable storage of claim 24, wherein said user interface is a speech interface.

26. (Original) The machine readable storage of claim 22, wherein said extracting data comprises reading data in said formatted content from an offset within said specified document, said offset identified by a content marker within said template.

27. (Original) The machine readable storage of claim 26, further comprising reading a data identifier from said content marker.

28. (Previously Presented) The machine readable storage of claim 22, wherein said specified document and said second document are formatted in a markup language selected from the group consisting of hypertext markup language (HTML), extensible

markup language (XML), standard generalized markup language (SGML), wireless markup language (WML), handheld device markup language (HDML), and VoiceXML.

29. (Previously Presented) The machine readable storage of claim 28, wherein said specified document is formatted in at least one of a hypertext markup language (HTML) and extensible markup language (XML).

30. (Previously Presented) The machine readable storage of claim 29, wherein said target markup language is selected from the group consisting of wireless markup language (WML), handheld device markup language (HDML), and VoiceXML.

31. (Previously Presented) The machine readable storage of claim 30, wherein said target markup language is voice extensible markup language (VoiceXML).

32. (Original) The machine readable storage of claim 22, wherein said second document and said specified document are of a different modality.

33. (Currently Amended) A method for converting formatted content, the method comprising:

receiving a content request from a client, said content request specifying a network location from which a specified document including formatted content that is formatted using a markup language can be retrieved, said content request further indicating a target format in which the information is to be received;

referencing a template table comprising a plurality of network location identifiers and a plurality of template identifiers corresponding to the network location identifiers;

identifying a customizable and updatable template which corresponds to said specified document and said target markup language, the identification being based on a template identifier corresponding to a network location identifier of the specified network

location, said template providing at least one ordered content marker, wherein the at least one content marker indicates a data offset for identifying within said specified document one or more data fields containing information content corresponding to a predetermined topic, wherein the at least one content marker further indicates at least one of a topic, meaning, and purpose of the information contained in a particular data field, and wherein said customizable and updatable template can be customized by a user to extract in one or more different combinations from the specified document information based upon the at least one content marker for audible presentation in a presentation order of said at least one ordered content marker

retrieving said specified document from said specified network location; and
extracting content identified by the data offset from said specified document; and
using the identified template, formatting the extracted content to produce a second document containing presentable content formatted according to a target markup language;

wherein the presentable content is presented in an order specified by the at least one ordered content marker.